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Type I Progress Report for the period 9 August 1972 to 8 October 1972

TITLE: Effects of Construction and Staged Filling of Reservoirs on
the Environment and Ecology MMC #341

GSFC ID NUMBER: DE 335

OBJECTIVE

To study the environmental and ecological impact of the construc-
tion and operation of Oakley Dam and Friends Creek Impoundment located
on the Sangamon River in East Central Illinois.

Personnel at the Construction Engineering Research Laboratory
(CERL) negotiated with staff members from the University of Illinois
for services and facilities concerning the project. Two contracts are
being considered with the University of Illinois at Urbana. One contract
entitled "Oakley-Sangamon Environment Research Program" (OSERP) provides
for the collection of ground truth data. This contract is a continuation
of a contract financed by the U.S. Army Corps of Engineers which com-
menced in September 1971. The second contract will deal with the services
and facilities for the analysis of ERTS imagery and possibly digital
data.

It is hoped negotiations for both contracts will be concluded
before the end of the next reporting period, December 8, 1972.

The first ERTS imagery of the study area was received on
5 October 1972.

Several meetings were conducted with the University of Illinois
staff members concerning the ground truth data that was collected last
year under the OSERP contract and what will be needed for correlation
with the data derived from ERTS imagery.

No significant results have been derived and applied as of
this time.

No items have been released for publication during the report
period.

No changes have been requested to the standing order form.

No ERTS image descriptor forms have been submitted as the first
imagery was just received.

No data request forms have been submitted.

(E72-10216) EFFECTS OF CONSTRUCTION AND
STAGED FILLING OF RESERVOIRS ON THE
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R.K. Jain (Corps of Engineers, Champaign,
Ill.) 8 Oct. 1972 1 p

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